



3001 Miller Road  
P.O. Box 1699  
Dearborn, Michigan 48121-1699

April 27, 2004

Chief, Air Enforcement and Compliance Assurance Branch  
Air and Radiation Division (AE-17J)  
USEPA, Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

Attention: Enforcement Tracker

Subject: United States of America and County of Wayne and Michigan Department of Environmental Quality v. SeverStal North America, Inc. (formerly Rouge Steel Company) – Civil Action Nos. 00-75452 and 00-75454, USAO File No. 1999 00492, DOJ Case No.90-5-2-1-2211/1 – Quarterly Report

Per Section V, paragraph 21 of the subject Civil Actions, attached is Severstal North America's ("SNA") quarterly report for January – March 2004.

The demonstration report for the "B" Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. SNA received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The list of O&M practices and emission control technologies to use on an ongoing basis was received from the EPA on February 3, 2004, pursuant to paragraph 11(d). The list has not yet been incorporated into the Consent Decree, and on March 10, 2004, SNA submitted a written notice of dispute regarding two of the O&M practices. However, during this interim period, SNA is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every cast.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. Written notice from EPA alleging noncompliance for the BOF demonstration test was received on January 10, 2003, and SNA's Proposed Plan for Use of Operation and Maintenance Practices and Emission Control Technologies was submitted on March 10, 2003. EPA has not yet responded to the Proposed Plan, and the use of ongoing O&M practices and emission control technologies has not been established with EPA. However, during this interim period, SNA is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every heat.

April 27, 2004

Page 2 of 2

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. SNA received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The list of O&M practices and emission control technologies to use on an ongoing basis was received from EPA on February 3, 2004 pursuant to paragraph 11(d). The list has not yet been incorporated into the Consent Decree, and on March 10, 2004, SNA submitted a written notice of dispute regarding two of the O&M practices. However, during this interim period, SNA is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every cast.

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.

Very truly yours,



D. S. Windeler  
Manager, Environmental Engineering

Attachments

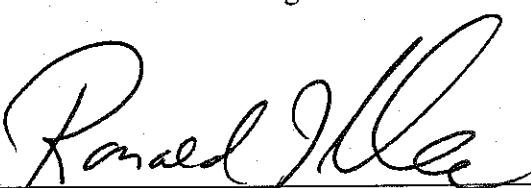
cc: Ms. Gaylene Vasaturo ✓  
Ms. Teresa Seidel  
Mr. Scott R. Dismukes

**SEVERSTAL NORTH AMERICA, INC.  
CIVIL ACTION NOS. 00-75452 AND 00-75454**

**QUARTERLY REPORT FOR JANUARY 1 – MARCH 31, 2004**

<b>SECTION IV MONITORING</b>	<b>RESULTS</b>
Conduct VE Observations of "C" Blast Furnace Bleeders	See attached VEs
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	See attached VEs. Note – one weekly reading could not be taken due to a planned outage during the time period of February 20, 2004 to March 2, 2004.
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VEs
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VEs

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

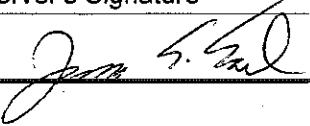


Ronald J. Nock, Chief Operating Officer

4-28-04

Date

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

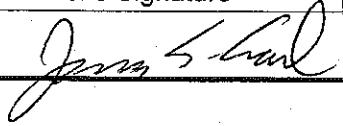
DATE:	3-30-04	
OBSERVER:	J. Earl	
START:	11:15 am	pm
FINISH:	am	pm
Source:	C BF Bleeders	
Observation Point	Storage Area	
distance from:	300'	
direction from:	SE	
source height:	150'	
wind direction	NE	
wind speed	0-5	
sky condition	M. Cloudy	
amb. temp. (F)	50	
color of emissions	white/grey	
other:		
Remarks:		
Observer's Signature		

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	40	40	40	40		45	0	0	0	0	
16	40	40	40	40		46	0	0	0	0	
17	30	35	35	40		47	0	0	0	0	
18	40	40	35	40		48	0	0	0	0	
19	50	45	40	35		49	0	0	0	0	
20	25	20	10	10		50	0	0	0	0	
21	5	5	5	5		51	0	0	0	0	
22	5	5	5	5		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	8	0	0		56	0	0	0	0	
27	0	8	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

Oct 2003

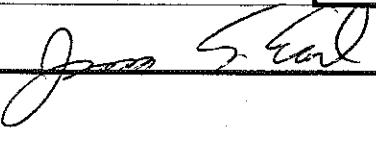
**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3-30-04
OBSERVER:	J. Earl
START:	11:15 am
FINISH:	am 12:15 pm
Source:	CBF Bleeders
Observation Point	Storage Area
distance from:	~300'
direction from:	SE
source height:	150
wind direction	NE
wind speed	S
sky condition	Cloudy
amb. temp. (F)	50
color of emissions	White/Grey
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date Oct. 2003

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

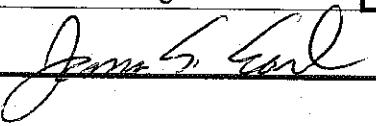
DATE:	3-26-04												
OBSERVER:	J. Earl												
START:	10:48 am	pm											
FINISH:	am	pm											
Source:	C BF Bleeders												
Observation Point	Parking Lot												
distance from:	500'												
direction from:	SE												
source height:	150'												
wind direction	W												
wind speed	0-5												
sky condition	Cloudy / Rain												
amb. temp. (F)	55												
color of emissions	Black / Gray												
other:													
Remarks:													
Observer's Signature													

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48	10	10	10	5	
19						49	5	5	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date

Oct, 2003

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3-26-04
OBSERVER:	J. Earl
START:	10:48 am pm
FINISH:	11:48 am pm
Source:	C BF Bleeders
Observation Point	Parking lot
distance from:	500'
direction from:	SE
source height:	150'
wind direction	W
wind speed	0-5
sky condition	Cloudy/Rain
amb. temp. (F)	55
color of emissions	Black/Gray
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	8	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	6	0	0		59					

Last Certification Date Oct, 2003

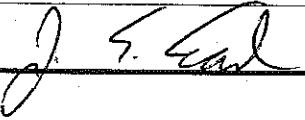
## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3-10-04
OBSERVER:	J. Earl
START:	8:27 am pm
FINISH:	9:27 am pm
Source:	C BF Bleeders
Observation Point	Parking Lot
distance from:	600'
direction from:	E
source height:	150'
wind direction	WSW
wind speed	0-5
sky condition	clear
amb. temp. (F)	30
color of emissions	white / black
other;	
Remarks;	
Observer's Signature	J. Earl

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	10	10	10	10	
1						31	10	10	10	10	
2						32	10	10	10	10	
3						33	10	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27	10	10	10	10		57	0	0	0	0	
28	10	10	10	10		58	0	0	0	0	
29	10	10	10	10		59	0	0	0	0	

Last Certification Date Oct 2003

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3-10-04
OBSERVER:	J. Earl
START:	8:27 am pm
FINISH:	9:27 am pm
Source:	C BF Blowers
Observation Point	Parking Lot
distance from:	600'
direction from:	E
source height:	150'
wind direction	SSW
wind speed	0-5
sky condition	Clear
amb. temp. (F)	30
color of emissions	White
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27						57					
28						58					
29						59					

Last Certification Date Oct 2003

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3-6-2004
OBSERVER:	L. TRINH
START:	am 8:10pm
FINISH:	am 3:11pm
Source:	'C" blaster
Observation Point,	E of the tunnel at paved lot
distance from:	110 ft
direction from:	SE
source height:	90'
wind direction	SW
wind speed	5-10
sky condition	clear
amb. temp. (F)	
color of emissions	white
other;	
Remarks;	
Observer's Signature	<i>Tom Hill</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10	10	20	10	10		40	0	0	0	0	
11	10	10	10	10		41	0	0	0	0	
12	10	10	5	10		42	0	0	0	0	
13	5	5	5	15		43	0	0	0	0	
14	15	15	10	5		44	0	0	0	0	
15	5	5	5	5		45	0	0	0	0	
16	10	10	10	10		46	0	0	0	0	
17	10	10	10	10		47	0	0	0	0	
18	10	10	10	10		48	0	0	0	0	
19	5	5	5	5		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	5	0	5		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

*10/2003*

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3 - 6 - 2004				
OBSERVER:	L. TRINH				
START:	am 8:10 pm				
FINISH:	am 3:15 pm				
Source:	'C' Bleeder				
Observation Point	<i>East of Farmage on paved lot</i>				
distance from:	110 ft				
direction from:	SE				
source height:	90'				
wind direction	SW				
wind speed	5-10				
sky condition	clear				
amb. temp. (F)					
color of emissions	white				
other:					
Remarks:					

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Last Certification Date

10/2003

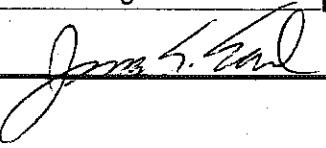
**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3-30-04
OBSERVER:	J. Earl
START:	9:06 am pm
FINISH:	10:13 am pm
Source:	B BF Roof Monitor
Observation Point	Parking Lot
distance from:	400'
direction from:	E
source height:	90'
wind direction	NE
wind speed	0-5
sky condition	Cloudy/Drizzle
amb. temp. (F)	47
color of emissions	Black/Red
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	E. Ladle
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6	0	0	0	0		36	5	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	5	10		40	0	0	0	0	
11	40	35	35	10		41	0	0	0	0	
12	0	0	0	0	w	42	0	0	0	0	
13	0	0	0	0	B. Ladle	43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	10		55	0	0	0	0	
26	10	5	5	5		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Last Certification Date Oct 2003

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3-30-04
OBSERVER:	J. Earl
START:	9:06 am pm
FINISH:	11:13 am pm
Source:	B BF Roof Monitor
Observation Point	Parking Lot
distance from:	400'
direction from:	E
source height:	90'
wind direction	NE
wind speed	0-5
sky condition	Cloudy
amb. temp. (F)	47
color of emissions	Black/Red
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	50	80	75		41					
12	50	10	55	55		42					
13	5	0	50	0	end cast	43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date Oct 2003

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3/25/04
OBSERVER:	Ben Kueger
START:	am 13:38 pm
FINISH:	am pm
Source:	Blast Furnace
Observation Point:	parking lot across canal
distance from:	600'
direction from:	W
source height:	75'
wind direction	SW
wind speed	10-15
sky condition	overcast
amb. temp. (F)	60
color of emissions	brown
unless stated otherwise	
other:	
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMA
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37	-	-	-	-	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	10	5	10	5	
14						44	5	10	0	0	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Observer's Signature

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/25/04
OBSERVER:	Ben Kroege
START:	am 13:38 pm
FINISH:	am 14:49 pm
Source:	B Blast Furnace
Observation Point	parking lot across canal
distance from:	600'
direction from:	W
source height:	75'
wind direction	SW
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	60
color of emissions	brown
unless stated otherwise	
other;	
Remarks:	

Observer's Signature

Last Certification Date

10/8/03

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMA
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	10	0	5	
2	0	0	0	0		32	15	15	10	10	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	10	0	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	0	5	5	5	
7	0	0	0	0		37	0	0	5	10	
8	0	0	0	0		38	5	5	5	0	
9	0	0	0	0		39	0	5	5	5	
10	0	0	0	0		40	5	5	0	5	
11	0	0	0	0		41	10	10	5	0	
12	0	0	0	0		42	0	5	0	0	
13	0	0	0	0		43	0	5	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	5	
16	0	0	0	0		46	10	10	5	5	
17	0	0	0	0		47	10	15	10	5	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	—	—	—	—	
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	10	15	10		59					

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 3/18/04
OBSERVER: Ben Kroeger
START: 11:35 am pm
FINISH: am pm
Source: B Blast
Observation Point gravel lot East of furnace
distance from: 500'
direction from: E
source height: 75'
wind direction SE
wind speed 10-15
sky condition partly cloudy
amb. temp. (F) 35-40
color of emissions brown unless stated otherwise
other:
Remarks:
Observer's Signature

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0						30					
1						31					
2						32					
3						33					
4						34	-	-	-	-	
5						35	5	5	5	5	
6						36	○	○	○	○	
7						37	○	○	○	○	E
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	5	○	

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/18/04
OBSERVER:	Ben Kroeger
START:	11:35 am pm
FINISH:	am 12:30 pm
Source:	B Blast
Observation Point gravel lot East of furnace	
distance from:	500'
direction from:	E
source height:	75'
wind direction	SE
wind speed	10-15
sky condition	overcast
amb. temp. (F)	35-40
color of emissions	brown
unless stated otherwise	
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	0	-	
1	0	0	0	5	E	31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	5		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	5		38					
9	0	0	5	0		39					
10	0	0	0	0		40					
11	5	5	0	0		41					
12	0	5	0	0		42					
13	0	0	0	0		43					
14	0	0	0	5		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	5	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	5	5	5		59					

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 3/15/04
OBSERVER: Ben Kroger
START: am 14:00 pm
FINISH: am pm
Source: B Blast
Observation Point lot next to maintenance building
distance from: 500'
direction from: SW
source height: 75'
wind direction NW
wind speed 10-15
sky condition partly cloudy
amb. temp. (F) 35-40
color of emissions brown unless otherwise stated
other:
Remarks:
Observer's Signature

14:00

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	5	grey
1	○	○	○	○		31	○	○	5	5	grey
2	○	○	○	○		32	○	5	5	0	grey, brown
3	○	○	○	○		33	○	0	5	5	
4	5	10	100	75	red	34	○	5	5	5	
5	20	10	○	○	red	35	5	5	5	5	
6	○	○	○	○		36	5	5	5	5	
7	○	○	○	○		37	5	0	0	0	
8	○	○	○	○		38	○	0	0	0	
9	○	○	○	○		39	○	0	0	0	
10	○	○	○	○		40	○	0	0	0	
11	○	○	○	○		41	○	0	0	0	
12	○	○	○	○		42	○	0	0	0	
13	○	○	○	○		43	○	0	0	0	
14	○	○	○	○		44	○	0	0	5	
15	○	○	○	○		45	5	0	0	0	
16	○	○	○	○		46	○	0	0	0	
17	○	○	○	○		47	○	0	0	0	
18	○	○	○	○		48	○	0	0	0	
19	○	○	○	○		49	○	0	0	0	
20	○	○	○	○		50	○	0	0	0	
21	○	○	○	○		51	○	0	0	0	
22	○	○	○	○		52	○	0	0	0	
23	○	○	○	○		53	○	0	0	0	
24	○	5	○	○	grey	54	○	0	0	0	
25	○	○	○	○		55	○	0	0	0	
26	○	○	○	○		56	○	0	0	0	
27	○	○	○	○		57	○	0	0	0	
28	○	○	○	○		58	○	0	0	0	
29	5	0	5	5	brown	59	○	0	0	0	

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3/15/04
OBSERVER:	Ben Krueger
START:	1 am 14:00pm
FINISH:	am 15:22pm
Source:	B Blast
Observation Point 107 next to maintenance building	
distance from:	500'
direction from:	W
source height:	75'
wind direction	NE
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	35-40
color of emissions	brown
unless stated otherwise	
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	5	5		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	5	5	0	5		38					
9	5	5	5	5		39					
10	0	0	0	0		40					
11	0	0	0	5		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	15	50		47					
18	10	5	20	30		48					
19	10	5	5	10		49					
20	10	10	10	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	-	-	-	-		53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3/8/04
OBSERVER:	Ben Kroege
START:	am 12:00 pm
FINISH:	am 12:57pm
Source:	B Blast
Observation Point gravel lot east of furnace	
distance from:	500'
direction from:	E
source height:	75'
wind direction	NW
wind speed	5-10
sky condition	overcast
amb. temp. (F)	35-40
color of emissions	brown
unless otherwise stated	
other:	E - east ear W - west ear
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	W
1	0	0	0	0		31	5	0	5	5	
2	0	0	0	0		32	0	5	5	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	5	5	W
5	0	0	0	0		35	5	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	5		38	0	0	0	0	
9	5	5	5	0		39	0	0	0	0	
10	0	0	0	0	E	40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	5	5	0	0	E	42	0	0	0	0	
13	5	0	0	0	E	43	0	5	0	0	
14	5	5	5	5	E	44	0	0	0	0	
15	5	5	0	0	E	45	0	0	0	0	
16	0	0	0	5	E, grey	46	0	0	0	0	
17	5	5	5	5	E, grey	47	0	0	0	0	
18	0	5	5	5	E,	48	0	0	0	0	
19	5	5	5	5	E, bluegrey	49	0	0	0	0	
20	5	5	5	5	E	50	0	0	0	0	
21	5	5	5	5	E	51	0	0	0	0	
22	0	0	0	5	E	52	0	0	0	0	
23	0	0	0	5	E, red	53	0	0	0	0	
24	0	0	5	0	W	54	0	0	0	0	
25	5	5	5	5	W	55	0	0	0	0	
26	0	0	5	5	W	56	5	5	5	0	W
27	0	0	5	0		57	0	0	0	0	
28	0	0	0	5		58	-	-	-	-	
29	0	0	0	0		59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/6/04
OBSERVER:	Ben Kueger
START:	10:01 am
FINISH:	11:37 am
Source:	B Blast
Observation Point	gravel
1st East of	Furnace
distance from:	500'
direction from:	E
source height:	75'
wind direction	NW
wind speed	5 - 10
sky condition	overcast
amb. temp. (F)	30 - 40
color of emissions	brown
unless stated otherwise	
other;	E - east car W - west car
Remarks:	

10:01

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	-	-	-	-		30	0	0	0	0	E
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	5	5	5		41	0	10	5	5	E
12	5	5	0	0	E	42	0	0	5	5	E
13	0	0	0	0		43	5	5	5	0	E
14	0	0	0	0		44	0	5	5	5	E
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	0	0	5	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	5	
21	0	0	0	0		51	0	5	5	5	E
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	5	5	5	5	E
25	0	0	0	0		55	5	5	5	5	E
26	0	0	0	0		56	5	5	5	5	W
27	0	0	0	0		57	5	5	5	5	W
28	0	0	0	0		58	5	5	5	5	W
29	0	0	0	0		59	5	5	5	5	W

Observer's Signature

Last Certification Date

10/6/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 3/6/04

OBSERVER: Ben Kroger

START: 10:01 am pm

FINISH: 11:37 am pm

Source: B Blast

Observation Point gravel  
lot East of  
furnace

distance from: 500'

direction from: E

source height: 75'

wind direction NW

wind speed 10-15

sky condition overcast

amb. temp. (F) 30-40

color of emissions brown

unless otherwise stated

other:

W - west car

E - east car

Remarks:

Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMAR
0	0	5	5	5	W	30	0	0	0	0	
1	5	5	5	5	W	31	0	0	0	0	
2	5	5	5	5	W	32	0	0	0	0	
3	5	5	5	5	W	33	0	0	0	20	
4	5	5	5	5	W	34	15	10	5	5	
5	5	5	5	5	W	35	5	5	5	5	
6	5	5	5	5	W	36	S	S	S	S	
7	5	5	5	5	W	37	0	0	0	0	
8	5	5	5	5	W	38	-	-	-	-	
9	10	5	5	5	W	39					
10	5	5	5	5	W	40					
11	5	5	5	5	W	41					
12	5	5	5	5	W	42					
13	5	5	5	5	W	43					
14	5	5	5	5	W	44					
15	5	5	5	5	W	45					
16	5	5	5	5	W	46					
17	5	5	5	5	W	47					
18	5	5	5	5	W	48					
19	5	5	5	5	W	49					
20	5	5	5	5	W	50					
21	5	5	0	0	W	51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	5	5	W	56					
27	5	5	5	5	W	57					
28	5	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/17/04
OBSERVER:	Ben Kroejer
START:	11:16 am pm
FINISH:	am 12:13 pm
Source:	B Blast
Observation Point (gravel) lot E of furnace	
distance from:	500'
direction from:	E
source height:	75'
wind direction	SE N
wind speed	5-10
sky condition	partly cloudy
amb. temp. (F)	20-25
color of emissions	brown
unless stated otherwise	
other:	
E - east car	
W - west car	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15	-	-	-	-		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	5	5	5	5	
23	○	5	5	5		53	5	5	5	5	
24	5	5	○	5		54	○	○	○	5	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○	E	56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	2/17/04
OBSERVER:	Ben Kroeger
START:	11:16 am
FINISH:	pm
Source:	B Blast
Observation Point	gravel lot E of furnace
distance from:	500'
direction from:	E
source height:	75'
wind direction	SE
wind speed	5-10
sky condition	clear
amb. temp. (F)	20-25
color of emissions	brown
Unless stated otherwise	
other:	E - east car W - west car
Remarks:	
Observer's Signature	

11:16

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○	W	34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	10	10	10		42					
13	5	5	0	0		43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

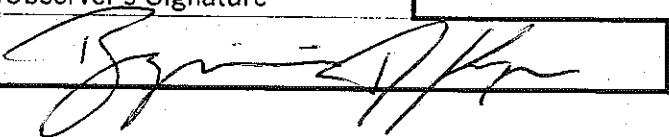
DATE:	2/11/04
OBSERVER:	Ben Krueger
START:	8:45 am pm
FINISH:	9:49 am pm
Source:	B Blast
Observation Point gravel lot east of furnace	
distance from:	500'
direction from:	NE
source height:	75'
wind direction	SW
wind speed	5-10
sky condition	clear
amb. temp. (F)	20
color of emissions	brown
unless stated otherwise	
other;	
E - east ear	
W - west ear	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44	-	-	-	-	
15						45	5	5	5	5	E
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	S	S	S	S	E
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/11/04
OBSERVER:	Bry Krocier
START:	8:54 am pm
FINISH:	9:49 am pm
Source:	B. Blast
Observation Point:	gravel lot east of Furnace
distance from:	500'
direction from:	NE
source height:	75'
wind direction	S W
wind speed	5-10
sky condition	partly cloudy
amb. temp. (F)	20
color of emissions	brown
unless stated otherwise	
other;	
E - east car	
W - west car	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	5	5	W
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	10	5	5	5	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50					
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51					
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	W	52					
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53					
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54					
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55					
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56					
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57					
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58					
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59					

Last Certification Date

10/8/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/2/04
OBSERVER:	Ben Krueger
START:	11:40 am pm
FINISH:	am / 2:37 pm
Source:	B Blast
Observation Point east parking lot	
distance from:	500'
direction from:	E
source height:	75'
wind direction	E
wind speed	5-10
sky condition	partly cloudy
amb. temp. (F)	24
color of emissions	brown
Unless stated otherwise	
other:	
E - east car	
W - west car	
Remarks:	
Observer's Signature	

11:40 #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39	—	—	—	—	
10						40	○	○	○	○	
11						41	○	5	5	0	
12						42	○	○	○	○	
13						43	○	○	○	○	W
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date

10/8/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/2/04
OBSERVER:	
START:	11:40 am pm
FINISH:	am 12:37 pm
Source:	B Blast
Observation Point	east
	parking lot
distance from:	500'
direction from:	E
source height:	75'
wind direction	E
wind speed	5-10
sky condition	partly cloudy
amb. temp. (F)	24
color of emissions	brown
unless stated otherwise	
other:	
	E - east car
	W - west car
Remarks:	

Observer's Signature

11:40

#2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	5	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○	NE	43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date

10/8/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	January 29 2004				
OBSERVER:	Rosana Moffat				
START:	9:36 am	pm			
FINISH:	10:14 am	pm			
Source:	B BLAST FURNACE				
Observation Point	UNPAVED PAVEMENT				
distance from:	100'				
direction from:	SE				
source height:	75'				
wind direction	NW				
wind speed	10-15				
sky condition	Cloudy				
amb. temp. (F)	9				
color of emissions	white				
unless stated otherwise					
other:					
W - WEST CAR					
E - EAST CAR					
Remarks:					
Observer's Signature					

9:00 AM

MIN	9:00 AM				REMARKS	MIN	9:00 AM				REMARKS
	0	15	30	45			0	15	30	45	
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36	20	15	10	0	Brown.
7						37	0	0	0	0	
8						38	0	0	0	0	W
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

*Rosana Moffat* Last Certification Date 10/07/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	JANUARY 29, 2004
OBSERVER:	Rosana Hoffman
START:	9:36 am pm
FINISH:	10:14 am pm
Source:	B BLAST FURNACE
Observation Point	UNPAVED PARKING LOT
distance from:	100'
direction from:	SE
source height:	75'
wind direction	NW
wind speed	10-15
sky condition	Cloudy
amb. temp. (F)	9
color of emissions	White
unless stated otherwise	
other:	
Remarks:	

Observer's Signature

Rosana Hoffman

PAGE # 2

10:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○	E	42					
13	○	○	○	○		43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/07/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/19/04
OBSERVER:	Bry Kroege
START:	am 12:54 pm
FINISH:	am pm
Source:	B Blast
Observation Point	
lot across canal	
distance from:	800'
direction from:	W
source height:	75'
--	
wind direction	N
wind speed	10-15
sky condition	overcast
amb. temp. (F)	18
color of emissions	brown
unless stated otherwise	
other:	
Remarks:	
Observer's Signature	

12:54 #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53	-	-	-	-	
24						54	5	5	5	5	
25						55	5	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/19/04
OBSERVER:	Ben Kroeger
START:	am 12:54 pm
FINISH:	am 13:54 pm
Source:	B Blast
Observation Point	
lot across canal	
distance from:	800'
direction from:	W
source height:	75'
wind direction N	
wind speed 10-15	
sky condition Overcast	
amb. temp. (F) 18	
color of emissions Brown	
unless stated otherwise	
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>				
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57					
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58					
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59					

Last Certification Date

10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/15/04	
OBSERVER:	Ben Kroeger	
START:	10:24 am	pm
FINISH:	11:20 am	pm
Source:	<del>151-3</del>	
B Blast		
Observation Point	Parking Lot	
distance from:	800'	
direction from:	NE	
source height:	75'	
wind direction	N	
wind speed	10-15	
sky condition	Overcast	
amb. temp. (F)	10	
color of emissions	Brown	
Unless otherwise		
other:	Station	
<del>NO</del> - north car		
E - east car		
W - west car		
Remarks:		

Observer's Signature



10:24

#1

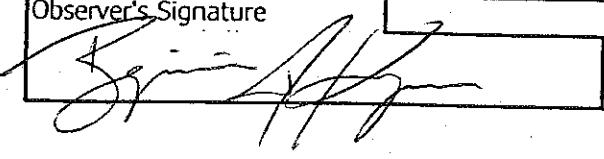
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23	—	—	—	—		53	○	○	○	○	
24	○	○	5	5		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○	E	57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/15/04
OBSERVER:	Ben Koeger
START:	10:24 am pm
FINISH:	11:20 am pm
Source:	B Blast
Observation Point	
Parking Lot	
distance from:	800'
direction from:	NE
source height:	75'
wind direction	N
wind speed	10-15
sky condition	Overcast
amb. temp. (F)	10
color of emissions	brown
unless otherwise stated	
other:	E - east + car W - west + car
Remarks:	

Observer's Signature



MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○	W	40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	5	5		48					
19	5	0	○	○		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	11/9/04
OBSERVER:	Ben Kroege
START:	12:38 am pm
FINISH:	13:29 am pm
Source:	B Blast Furnace
Observation Point	gravel parking lot on canal side
distance from:	800'
direction from:	W
source height:	75'
wind direction	E
wind speed	10-15
sky condition	clear
amb. temp. (F)	18
color of emissions	Brown
unless otherwise stated	
other:	
Remarks:	

Observer's Signature



12:38 #1

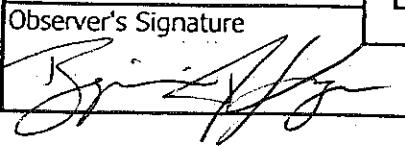
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0	5	5				30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37	-	-	-	-	
8						38	5	5	5	5	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/9/04
OBSERVER:	Ben Crozier
START:	13:00 am pm
FINISH:	13:29 am pm
Source:	B Blast
Observation Point	Gravel
Parking Lot	
canal side	
distance from:	800'
direction from:	W
source height:	75'
wind direction	E
wind speed	10-15
sky condition	clear
amb. temp. (F)	18
color of emissions	Brown
unless otherwise stated	
other;	
Remarks;	

Observer's Signature



13:00

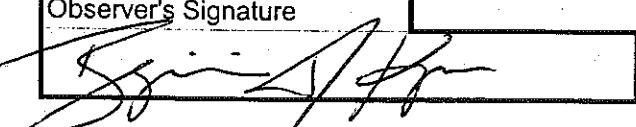
# 2

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2	0	0	0	0		32					
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5	0	0	0	0		35					
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7	5	5	5	5	yellow	37					
8	0	0	0	0		38					
9	5	5	5	5		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
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13	0	0	0	0		43					
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18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	5	5	yellow	52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	5	5	10	5	yellow	56					
27	5	5	5	5	yellow	57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/25/04
OBSERVER:	Ben Kroeger
START:	9:32 am pm
FINISH:	11:57 am pm
Source:	C Blast Furnace
Observation Point:	parking lot off Miller Road
distance from:	500'
direction from:	E
source height:	90'
wind direction	SW
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	55-60
color of emissions	brown
Unless stated otherwise	
other:	
	E - east car
	W - west car
Remarks:	
Observer's Signature:	

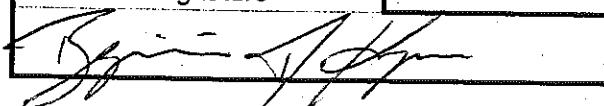
Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31	-	-	-	-	
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3						33	5	5	10	5	
4						34	5	0	0	0	
5						35	10	5	15	20	
6						36	25	15	5	0	E
7						37	○	0	0	0	
8						38	○	0	0	0	
9						39	○	0	0	0	
10						40	○	0	0	0	
11						41	○	0	0	0	
12						42	○	0	0	0	W
13						43	5	0	0	0	W
14						44	○	0	0	0	
15						45	○	0	0	0	E
16						46	○	0	0	0	
17						47	○	0	0	0	
18						48	○	0	0	0	
19						49	○	0	0	0	
20						50	○	0	0	0	
21						51	○	0	0	0	
22						52	○	0	0	0	
23						53	○	0	0	0	
24						54	○	0	0	0	
25						55	○	0	0	0	
26						56	○	0	0	0	
27						57	○	0	0	0	
28						58	○	0	0	0	
29						59	○	0	0	0	

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3/25/04
OBSERVER:	Ben Kroeger
START:	9:32 am pm
FINISH:	11:57 am pm
Source:	C Blast Furnace
Observation Point	parking lot off Miller Road
distance from:	500'
direction from:	E
source height:	90'
wind direction	SW
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	55-60
color of emissions	brown
unless stated otherwise	
other;	E - east car W - west car
Remarks;	
Observer's Signature	

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	5	0	0	0	W
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	0	5	0	0	W
10	○	○	○	○		40	0	5	5	0	W
11	○	○	○	○		41	5	5	5	5	E
12	○	○	○	○		42	5	5	5	10	E
13	○	○	○	○		43	5	0	0	5	E
14	○	○	○	○		44	5	5	5	5	E
15	0	5	0	0	W	45	10	10	10	10	E
16	○	○	○	○		46	5	5	5	5	E
17	○	○	○	○		47	0	5	10	10	E
18	○	○	○	○		48	5	5	5	0	E
19	○	○	○	○		49	0	0	0	0	
20	○	○	○	○		50	0	0	0	0	
21	○	○	○	○		51	0	0	0	0	
22	○	○	○	○		52	0	0	0	0	
23	○	○	○	○		53	0	0	0	0	
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25	○	○	○	○		55	0	0	0	0	
26	○	○	○	○		56	0	0	0	0	
27	○	○	○	○		57	0	0	0	0	
28	○	○	○	○		58	0	0	0	0	
29	○	○	○	○		59	0	0	0	0	

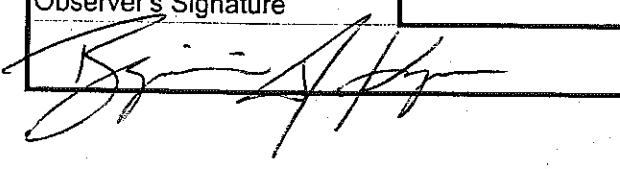
Last Certification Date

10/8/03

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/25/04
OBSERVER:	Ben Kroeger
START:	9:32 am pm
FINISH:	10:57 am pm
Source:	C Blast Furnace
Observation Point:	parking lot off Miller Road
distance from:	500'
direction from:	E
source height:	90'
wind direction	SW
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	55
color of emissions	brown
Unless stated otherwise	
other:	
	E - east car
	W - west car
Remarks:	

Observer's Signature



MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	5	5	E	30	0	0	0	5	E
1	0	0	0	0		31	10	10	5	5	E
2	5	5	5	5	E	32	5	0	0	0	E
3	5	5	5	5	E	33	5	10	10	5	E
4	5	5	5	5	E	34	5	5	5	5	E
5	5	5	5	5	E	35	5	5	5	5	E
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20	5	5	5	5	E	50	0	0	0	0	
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22	10	10	5	5	E	52	15	20	20	20	E
23	5	10	10	15	E	53	25	25	30	45	E
24	20	10	5	5	W	54	45	30	30	25	
25	0	0	0	0		55	30	10	10	5	
26	5	0	0	0	W	56	0	0	0	0	
27	5	5	5	5	W	57	-	-	-	-	
28	5	0	0	5	W	58					
29	5	0	0	0	W	59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 3/19/04

OBSERVER: Ben Kroeger

START: 11:37 am pm

FINISH: am 12:53 pm

Source: C Blast

Observation Point parking  
lot East of Furnace

distance from: 400'

direction from: SE

source height: 90'

wind direction ~~W~~ SE

wind speed 10-15

sky condition partly cloudy

amb. temp. (F) 40-45

color of emissions brown

unless stated otherwise

other:

E - east car

W - west car

Remarks:

Observer's Signature

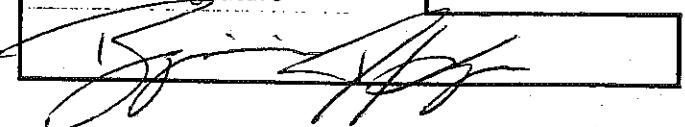
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36	-	-	-	-	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	5	5	10	5	Drilled
23						53	10	5	5	10	out, E
24						54	○	○	○	○	
25						55	○	5	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	5	5	0	0	E,

Last Certification Date

10/8/03



## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/19/04
CB SERVER:	Ben Kroege
START:	11:37 am pm
FINISH:	am 12:53 pm
Source:	C Blast
Observation Point	parking lot East of furnaces
distance from:	400'
direction from:	SE
source height:	90'
wind direction	SE
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	40-45
color of emissions	brown
unless stated otherwise	
other:	E - east car W - west car
Remarks:	
Observer's Signature	

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMAR
0	0	0	0	0		30	0	5	5	5	E
1	0	0	0	0		31	5	5	5	5	E
2	0	0	0	0		32	5	5	5	5	E
3	0	0	0	0		33	5	5	5	5	E
4	0	0	0	0		34	5	5	10	10	E
5	0	0	0	0		35	5	5	5	5	E
6	0	0	0	0		36	5	0	0	0	E
7	0	0	0	0		37	0	5	5	10	E
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9	0	0	0	0		39	5	10	5	5	E
10	0	0	0	0		40	5	5	5	5	E
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	5	E
13	0	0	0	0		43	0	0	5	5	E
14	0	0	0	0		44	5	5	5	0	E
15	0	0	0	0		45	0	0	0	5	
16	0	0	0	0		46	5	5	0	0	
17	0	0	0	0		47	0	0	5	5	
18	0	5	5	5		48	5	0	0	5	
19	5	5	5	5	E	49	0	5	5	10	
20	5	5	5	5	E	50	15	20	30	35	
21	5	10	5	5	W	51	40	80	50	15	
22	0	0	0	5	W	52	10	10	10	10	
23	5	5	5	0	W	53	—	—	—	—	
24	5	5	0	0	W	54					
25	5	5	5	10	W, E	55					
26	5	5	5	5	E	56					
27	5	5	5	5	E	57					
28	0	5	5	5	E	58					
29	0	0	0	0		59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/11/04
OBSERVER:	Ben Kueger
START:	am 13:00 pm
FINISH:	am 15:24 pm
Source:	C Blast
Observation Point parking lot across canal	
distance from: 500'	
direction from: E	
source height: 90'	
wind direction SW	
wind speed 10-15	
sky condition partly cloudy	
amb. temp. (F) 35-40	
color of emissions brown	
Unless otherwise stated	
other:	
Remarks:	
Observer's Signature	

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0	○	○	○	○		30	○	○	○	5	
1	○	○	○	○		31	5	5	5	5	
2	○	○	○	○		32	5	0	0	10	
3	○	○	○	○		33	5	0	0	0	
4	○	○	○	○		34	○	○	○	0	
5	○	○	○	○		35	○	○	○	0	
6	○	○	○	○		36	○	○	○	0	
7	○	○	○	○		37	○	○	○	0	
8	○	○	○	○		38	○	○	○	0	
9	○	○	○	○		39	○	○	○	0	
10	○	○	○	○		40	○	○	○	0	
11	○	○	○	○		41	○	○	○	0	
12	○	○	○	○		42	○	○	○	0	
13	○	○	○	○		43	○	○	○	0	
14	○	○	○	○		44	○	○	○	0	
15	○	○	○	○		45	○	○	○	0	
16	○	○	○	○		46	○	○	○	0	
17	○	○	○	○		47	○	○	○	0	
18	○	○	○	○		48	○	○	○	0	
19	○	○	○	○		49	○	○	○	0	
20	○	○	○	○		50	○	○	○	0	
21	○	○	○	○		51	○	○	○	0	
22	○	○	○	○		52	○	○	○	0	
23	○	○	○	○		53	○	5	0	0	
24	○	○	○	○		54	○	○	○	0	
25	○	○	○	○		55	○	○	○	0	
26	○	○	○	○		56	○	○	○	0	
27	○	○	○	○		57	○	○	○	0	
28	○	○	○	○		58	○	○	○	0	
29	○	○	○	○		59	○	○	○	0	

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/11/04
OBSERVER:	Ben Kroeger
START:	am 13:00 pm
FINISH:	am 13:24 pm
Source:	blast
Observation Point parking lot across canal	
distance from:	500'
direction from:	E
source height:	90'
wind direction	S W
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	35-40
color of emissions	brown
unless stated otherwise	
other;	
Remarks;	
Observer's Signature	

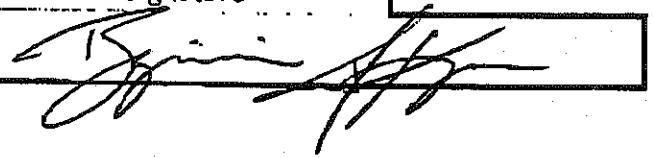
Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	10	5	red	49	○	○	○	○	
20	5	5	○	○	red	50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

10/2/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/11/04
OBSERVER:	Ben Kroeger
START:	am 13:00 pm
FINISH:	am 15:24 pm
Source:	C Blast
Observation Point:	parking lot across canal
distance from:	500'
direction from:	E
source height:	90'
wind direction	&W
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	35-40
color of emissions	brown
unless stated otherwise	
other:	
Remarks:	
Observer's Signature:	

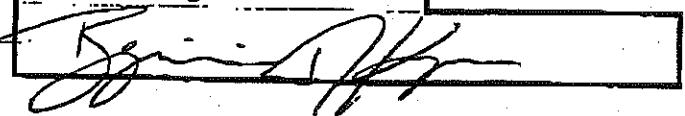
Page # 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	5	○	○	red	42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	5	5		51					
22	5	○	○	○		52					
23	○	○	○	○		53					
24	-	-	-	-		54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/2/04
OBSERVER:	Ben Kraeger
START:	10:26 am pm
FINISH:	12:41 am pm
Source:	C Blast
Observation Point parking lot east of blast furnace	
distance from: 500'	
direction from: E	
source height: 90'	
wind direction NW	
wind speed 10-15	
sky condition <del>overcast</del> partly cloudy	
amb. temp. (F) 40-45 cloudy	
color of emissions brown	
unless otherwise stated	
other:	
E - east car	
W - west car	
Remarks:	
Observer's Signature	
	

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0						30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1						31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2						32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3						33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4						34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5						35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6						36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7						37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8						38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9						39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10						40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11						41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12						42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13						43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14						44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15						45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16						46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17						47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18						48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19						49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20						50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	E
21						51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22						52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23						53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24						54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25						55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26						56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	-	-	-	-		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date

10/8/03

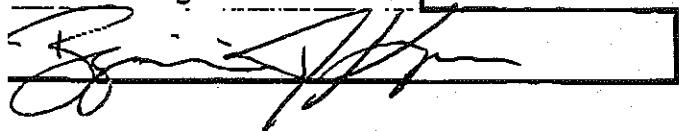
## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/2/04
OBSERVER:	Ben Kroeger
START:	10:28 am pm
FINISH:	12:11 am pm
Source:	C Blast
Observation Point:	parking lot east of furnace
distance from:	500'
direction from:	E
source height:	90'
wind direction	NW
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	48
color of emissions	brown
unless stated otherwise	
other:	E - east car W - west car
Remarks:	

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	W, grey
1	0	0	0	0		31	5	5	5	5	6, grey
2	0	0	0	0		32	5	5	5	5	
3	0	5	5	5	E	33	10	5	5	5	brown
4	0	5	5	5	E	34	5	5	5	5	blue
5	5	5	0	0		35	5	5	5	5	blue
6	0	0	0	0		36	5	5	5	5	grey
7	5	5	5	5		37	5	5	5	5	grey
8	5	0	0	0		38	5	5	5	5	grey
9	5	0	0	0		39	5	5	5	5	grey
10	0	0	0	0		40	5	5	5	5	grey
11	0	0	0	0		41	5	5	5	5	grey
12	0	0	0	0		42	5	0	5	5	grey
13	0	0	0	0		43	5	5	5	5	grey
14	0	0	0	0		44	5	5	5	5	grey
15	5	5	5	0		45	5	5	0	5	grey
16	0	0	0	5		46	0	5	5	5	grey
17	0	0	0	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	blue-grey
19	5	5	0	5		49	5	5	5	5	grey
20	5	5	5	5		50	5	5	5	5	grey
21	0	0	5	5		51	5	5	5	5	grey
22	5	5	5	5		52	5	5	5	5	grey
23	5	5	5	5		53	5	5	5	5	grey
24	5	5	5	5		54	5	5	5	5	grey
25	5	5	5	5		55	5	5	5	5	grey
26	5	5	5	0		56	5	5	5	5	grey
27	0	0	0	0		57	5	5	5	5	grey
28	0	0	5	5		58	5	5	5	5	grey
29	5	0	0	5		59	5	5	5	5	grey

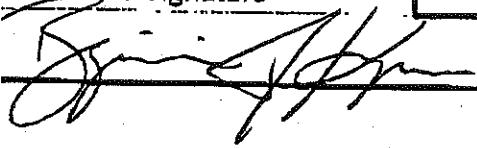
Observer's Signature



Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/2/04
OBSERVER:	Ben Krueger
START:	10:26 am pm
FINISH:	12:11 am pm
Source:	C Blast
Observation Point parking lot East of furnace	
distance from:	500'
direction from:	E
source height:	90'
wind direction	NW
wind speed	15-20
sky condition	partly cloudy
amb. temp. (F)	50
color of emissions	brown
unless stated otherwise	
other:	E - east car W - west car
Remarks:	
Observer's Signature	

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	grey E	30					
1	5	5	5	5	grey E	31					
2	5	5	5	5	grey E	32					
3	5	5	5	5	grey	33					
4	5	5	5	5	grey, W	34					
5	5	5	5	5	grey, W	35					
6	5	5	5	5	grey	36					
7	5	5	10	5	grey	37					
8	5	5	5	5	grey	38					
9	5	5	5	10	grey, brown	39					
10	15	15	5	5		40					
11	-	-	-	-		41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 2/25/04

OBSERVER: Ben Krueger

START: 10:03 am pm

FINISH: am 12:09 pm

Source: C Blast

Observation Point parking

lot East of  
furnace

distance from: 500'

direction from: E

source height: 90'

wind direction NW

wind speed 5-10

sky condition partly cloudy

amb. temp. (F) 25-30

color of emissions brown

Unless otherwise stated

other:

E - east car

W - west car

Remarks:

Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	5	5	E
1						31	0	0	5	5	E
2	-	-	-	-		32	0	0	0	0	
3	5	0	5	5		33	0	0	0	0	
4	5	5	5	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	5	
8	5	5	5	5		38	0	0	0	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5	E	40	5	0	0	5	
11	0	0	0	0		41	5	5	5	5	
12	0	5	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	0	0	0	
14	0	0	0	0		44	0	5	5	5	
15	0	0	0	0		45	0	0	0	5	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	5	5	0	0	
18	5	5	5	5	E	48	0	0	0	5	E
19	0	0	0	0		49	5	5	5	5	E
20	0	0	0	0		50	5	5	5	0	
21	0	0	0	0		51	5	5	0	5	
22	0	0	0	0		52	0	0	5	0	
23	0	0	0	0		53	0	5	5	5	
24	0	0	0	5		54	5	5	5	5	
25	0	5	5	0	E	55	5	5	5	5	
26	0	0	5	5	E	56	5	0	0	0	
27	5	5	5	5	E	57	0	5	5	5	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	2/25/04
OBSERVER:	Ben Krueger
START:	10:03 am pm
FINISH:	am 12:09 pm
Source:	C Blast
Observation Point parking lot East of furnace	
distance from:	500'
direction from:	E
source height:	90'
wind direction	NW
wind speed	5-10
sky condition	clear
amb. temp. (F)	25-30
color of emissions	brown
unless stated otherwise	
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0	5	0	0	0		30	0	0	5	0	
1	0	0	0	0		31	0	0	5	5	
2	0	5	5	5		32	5	0	0	0	
3	0	5	0	0		33	5	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	5	5	0		37	0	0	5	0	
8	5	5	5	0		38	0	5	0	0	
9	0	0	0	0		39	5	5	0	5	
10	0	0	0	0		40	0	5	0	0	
11	0	0	0	5		41	5	5	5	5	E
12	5	5	5	5		42	5	5	5	5	
13	5	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	5	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	5	0	0	0		48	5	5	5	5	
19	5	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	5	5	5	0		52	5	5	5	0	
23	0	0	0	0		53	0	5	5	5	E
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	5		56	5	5	5	5	
27	5	5	0	0		57	5	5	5	0	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	0	0	5	

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	2/25/04
OBSERVER:	Ben Crozier
START:	10:03 am pm
FINISH:	am 12:09 pm
Source:	C Blast Furnace
Observation Point	parking lot East of furnace
distance from:	500'
direction from:	E
source height:	90'
wind direction	NW
wind speed	5-10
sky condition	clear
amb. temp. (F)	30
color of emissions	brown
Unless stated otherwise	
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	5	5	0	0	E	32					
3	5	5	0	0	E	33					
4	0	0	0	0		34					
5	0	0	0	5		35					
6	5	0	5	5	E	36					
7	5	5	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

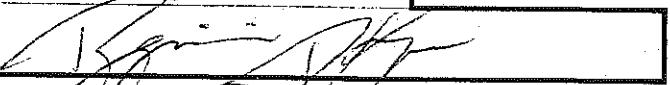
DATE: 2/17/04
OBSERVER: Ben Kroeger
START: 9:35 am pm
FINISH: 10:39 am pm
Source: C Blast
Observation Point parking E of furnace
distance from: 500'
direction from: E
source height: 90'
wind direction NW
wind speed 5-10
sky condition overcast
amb. temp. (F) 20-25
color of emissions brown
unless stated otherwise
other;
E - east car
W - West car
Remarks:
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34	—	—	—	—	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	5	5	5	0	
12						42	○	○	○	15	
13						43	10	5	0	0	E
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	5	0	5	
18						48	5	0	0	0	
19						49	○	0	0	5	
20						50	5	0	5	5	
21						51	○	0	0	0	
22						52	○	○	0	0	
23						53	○	0	0	0	
24						54	○	0	0	0	
25						55	5	5	0	0	
26						56	○	0	0	0	
27						57	○	0	0	0	
28						58	○	0	0	0	
29						59	○	0	0	0	

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	2/17/04
OBSERVER:	Ben Kroeger
START:	9:35 am
FINISH:	10:39 am
Source:	C Blast
Observation Point:	parking lot E of furnace
distance from:	500'
direction from:	E
source height:	90'
wind direction	NW
wind speed	5
sky condition	overcast
amb. temp. (F)	20-25
color of emissions	brown
unless stated otherwise	
other:	E - east car W - west car
Remarks:	
Observer's Signature	

9:35

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	0	0	5	
1	0	0	0	0		31	0	0	5	0	
2	0	0	0	0		32	0	0	5	5	
3	5	5	5	5		33	5	0	0	5	
4	5	5	5	5		34	0	0	5	5	
5	5	5	5	5		35	5	5	10	15	Black
6	5	5	5	5		36	10	10	10	5	
7	5	5	0	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	0	0	
10	5	5	0	0	W	40					
11	5	0	0	0		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	0		45					
16	0	0	5	5	E	46					
17	5	5	5	5	red	47					
18	5	5	5	0		48					
19	0	0	5	0		49					
20	5	0	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	0	0	0	5		53					
24	5	0	0	5		54					
25	5	0	0	0		55					
26	0	0	0	5		56					
27	5	5	5	5		57					
28	5	0	0	5		58					
29	5	5	5	5		59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

Roof

DATE:	2-14-04
OBSERVER:	Bob Shiref
START:	18:20 am pm
FINISH:	19:53 am pm
Source:	c Blast
Observation Point	
East Parking lot	
distance from:	500'
direction from:	E
source height:	70'
wind direction	SE
wind speed	S-10
sky condition	overcast
amb. temp. (F)	78
color of emissions	Brown
other;	W = West car E = East car
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	S	S	S	
6						36	S	S	S	S	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	S	S	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	S	0	
13						43	0	S	S	S	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	S	0	S	
19						49	S	S	S	S	
20	0	0	0	0		50	S	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0	E	54	S	S	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	W
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

10-8-03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	2-13-04
OBSERVER:	Rob Shrier
START:	10:20 am pm
FINISH:	11:53 am pm
Source:	C Blast
Observation Point	
East Parking Lot	
distance from:	500'
direction from:	East
source height:	90'
wind direction	SE
wind speed	5-10
sky condition	overcast
amb. temp. (F)	28
color of emissions	Brown
other:	W - West car E - East car
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0	E	30	0	0	0	0	
1	0	0	0	0		31	0	0	5	5	
2	0	0	0	0		32	5	5	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	5	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	4	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature



Last Certification Date

10-8-03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/2/04
OBSERVER:	Ben Krueger
START:	10:18 am pm
FINISH:	11:04 am pm
Source:	C Blast
Observation Point east	
parking lot	
distance from:	500'
direction from:	E
source height:	890'
SE	
wind direction	<del>NE</del>
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	20
color of emissions	brown
unless stated otherwise	
other:	
E - east car	
W - west car	
Remarks:	
Observer's Signature	

10:18

#1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	5	
2						32	0	0	5	5	
3						33	0	5	0	0	
4						34	0	0	0	5	
5						35	5	5	5	5	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	5	5	0	0	W
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	5	5	0	0	E
16						46	0	0	0	0	
17	-	-	-	-		47	0	0	5	5	
18	0	0	0	0		48	0	0	5	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	5		51	0	0	0	0	
22	10	20	15	20		52	0	0	0	0	
23	20	15	10	5		53	0	0	0	0	
24	5	5	5	5	E	54	0	0	0	5	
25	5	5	0	0		55	5	0	0	0	
26	0	0	0	0		56	0	0	0	5	
27	0	0	0	0		57	5	5	0	5	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 2/2/04
OBSERVER: Ben Krueger
START: 10:18 am pm
FINISH: 11:04 am pm
Source: C 13 east
Observation Point east
Parking lot
distance from: 500'
direction from: E
source height: 90'
wind direction SE
wind speed 5-10
sky condition partly cloudy
amb. temp. (F) 23
color of emissions brown
unless stated
other; otherwise
Remarks:
Observer's Signature

#2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	5	5	5		30					
1	5	5	10	15		31					
2	20	20	10	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date: 10/8/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	January 26 2004				
OBSERVER:	Rosana Moffat				
START:	9:43 am	pm			
FINISH:	10:36 am	pm			
Source:	C Blast Furnace				
Observation Point	East of Blast Furnace				
distance from:	100'				
direction from:	E				
source height:	90'				
wind direction	S/E				
wind speed	15-20				
sky condition	Overcast				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise					
other:					
Remarks:					
Observer's Signature	Rosana Moffat				

9:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43	○	○	○	○	E
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	W
24						54	○	○	○	○	
25						55	○	○	○	○	E
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 10/10/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	January 26, 2004
OBSERVER:	Rosana Moffatt
START:	9:43 am
FINISH:	10:36 am
Source:	C Blast Furnace
Observation Point	EAST OF BLAST FURNACE
distance from:	100'
direction from:	E
source height:	90'
wind direction	SE
wind speed	15-20
sky condition	overcast
amb. temp. (F)	
color of emissions	White
unless otherwise stated	
other:	
Remarks:	
Observer's Signature	Rosana Moffatt

10:00 AM

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	5	5	5		32	20	20	15	5	Brown
3	5	5	5	5		33	0	0	0	0	
4	5	5	5	5		34	0	0	0	0	
5	5	5	5	5		35	0	0	0	0	
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5	W	58					
29	5	5	5	5		59					

Last Certification Date 10/07/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 1/19/04	
OBSERVER: Ben Kroeyer	
START:	am 14:29 pm
FINISH:	am pm
Source: C Blast	
Observation Point	
parking lot across canal	
distance from: 700'	
direction from: W	
source height: 90'	
wind direction N	
wind speed 10-15	
sky condition Overcast	
amb. temp. (F) 18	
color of emissions brown	
Unless otherwise stated	
other;	
Remarks;	
Observer's Signature	

14:29

#1

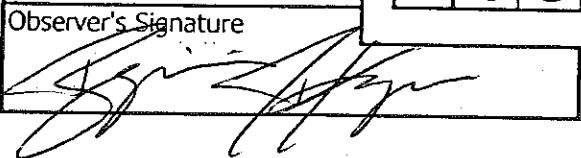
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	10	10	5	5	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
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20						50	0	0	0	0	
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22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28	-	-	-	-		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/19/04
OBSERVER:	Ben Kreger
START:	am 14:24 pm
FINISH:	am 15:59 pm
Source:	C Blast
Observation Point 1st across canal	
distance from:	700'
direction from:	W
source height:	90'
wind direction	N
wind speed	10-15
sky condition	Overcast
amb. temp. (F)	18
color of emissions	Brown
Unless stated	
other:	otherwise
Remarks:	

Observer's Signature



#2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	5	5	
2	○	○	○	○		32	S	S	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	5	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	5	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	10	10	5	5	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/15/04
OBSERVER:	Ben Krueger
START:	9:20 am pm
FINISH:	10:05 am pm
Source:	C Blast
Observation Point	
Parking Lot	
distance from:	800'
direction from:	E
source height:	90'
--	
wind direction	N
wind speed	10 - 15
sky condition	Partly Cloudy
amb. temp. (F)	10
color of emissions	brown
Unless otherwise stated	
other;	
E - east car	
W - west car	
Remarks;	
Observer's Signature	

#1

9:20

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	W
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19	-	-	-	-		49	○	○	5	5	
20	○	○	○	○	E	50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 1/15/04	
OBSERVER: Ben Kroege	
START: 9:20 am	pm
FINISH: 10:05 am	pm
Source: C Blast	
Observation Point	
Parking Lot	
distance from: 800'	
direction from: E	
source height: 90'	
wind direction N	
wind speed 10-15	
sky condition Partly Cloudy	
amb. temp. (F) 10	
color of emissions brown	
Unless otherwise stated	
other:	
E - East car	
W - West car	
Remarks:	
Observer's Signature	

# 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0	W	30					
1	0	0	0	5		31					
2	0	0	0	0		32					
3	5	5	5	5		33					
4	0	0	0	0		34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

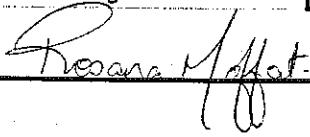
DATE:	January 8, 2004
OBSERVER:	KOSANA MOFFAT
START:	11:00 am
FINISH:	12:17 pm
Source:	C BLAST FURNACE
Observation Point	PAVED PARKING LOT
distance from:	120'
direction from:	E
source height:	90'
wind direction	W
wind speed	10-15
sky condition	OVERCAST
amb. temp. (F)	
color of emissions	
other;	W - WEST CAR E - EAST CAR
Remarks;	

11:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	W
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6	○	○	○	○	E	36	○	○	○	○	E
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature



Last Certification Date

10/07/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	January 8, 2004				
OBSERVER:	Rosana Moffat				
START:	11:06 am pm				
FINISH:	am 12:17 pm				
Source:	C BLAST FURNACE				
Observation Point	PAVED PARKING LOT				
distance from:	120'				
direction from:	E				
source height:	90'				
wind direction	W				
wind speed	10-15				
sky condition	OVERCAST				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise					
other;					
W - WEST CAR					
E - EAST CAR					
Remarks;					
Observer's Signature					

12:00 PM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	5	Brown	30					
1	5	10	10	10	Brown	31					
2	10	10	5	5	"	32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 10/10/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/22/04
OBSERVER:	Ben Kueyer
START:	10:18 am pm
FINISH:	am 12:18 pm
Source:	BOF Roof Monitors
Observation Point:	gravel lot across Canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	N
wind speed	10-15
sky condition	clear
amb. temp. (F)	30-35
color of emissions	brown
unless otherwise stated	
other;	
N - north monitor	
M - middle	
S - south	
Remarks;	
<i>Hat Nos.</i>	
56812	
56813	
Observer's Signature	

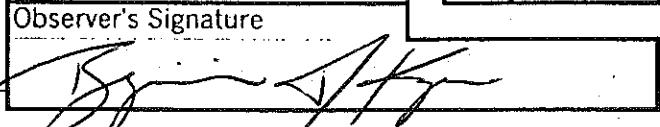
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0						30	5	5	0	0	N
1						31	0	0	5	5	M,N
2						32	5	5	15	30	M
3						33	30	20	15	10	M
4						34	5	5	5	10	M,N
5						35	10	5	5	5	N,M
6						36	5	10	5	5	N
7						37	5	10	5	0	N
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	5	M
11						41	10	5	0	5	M
12						42	10	15	15	10	M
13						43	5	5	5	5	M
14						44	15	10	5	5	M
15						45	5	5	5	0	M
16						46	0	0	0	0	
17	-	-	-	-		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	25	10	M
20	0	0	0	0		50	10	10	5	5	M
21	0	0	0	0		51	0	0	5	5	M
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	5	5	5	M
24	0	0	0	0		54	5	0	0	0	M
25	0	0	0	5	N	55	0	0	0	0	
26	5	10	10	10	N	56	0	0	0	0	
27	10	5	10	5	N	57	0	0	0	0	
28	10	10	5	5	N	58	0	0	0	0	
29	10	10	5	5	N	59	0	0	0	0	

Page #1

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/22/04
OBSERVER:	Ben Kroege
START:	10:18 am pm
FINISH:	am 12:18 pm
Source:	BOF Roof Monitors
Observation Point	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	N
wind speed	10-15
sky condition	clear
amb. temp. (F)	30-35
color of emissions	brown
unless otherwise stated	
other:	N - north monitor M - middle S - south
Remarks:	
Observer's Signature	

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMAR
0	5	10	10	5	N	30	10	5	10	10	M,N
1	5	5	5	5	N	31	10	10	5	5	N
2	5	5	0	0	N	32	10	5	0	0	N
3	0	5	5	10	N	33	5	5	0	0	N
4	10	10	10	10	N	34	0	0	0	0	
5	5	5	0	0	N	35	0	0	10	10	M
6	0	0	0	0		36	20	15	10	0	M
7	0	5	0	5	N,M	37	0	5	0	0	M
8	5	10	5	0	M	38	0	5	5	5	M
9	0	0	5	10	M	39	5	0	5	0	M
10	15	15	15	5	M	40	0	0	0	0	
11	0	5	0	0	M	41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	10	N	43	0	0	0	0	
14	10	10	5	5	N	44	0	0	0	0	
15	10	15	20	15	N	45	0	0	0	0	
16	15	15	10	10	N	46	0	0	0	0	
17	5	5	0	0	N	47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	5	N	50	0	0	0	0	
21	10	15	15	20	N	51	0	0	0	5	N
22	20	15	10	10	N	52	5	5	5	5	N
23	10	5	5	0	N	53	5	5	5	5	N,M
24	5	5	5	0	N	54	5	5	5	15	N,M
25	0	0	0	0		55	25	20	15	15	M
26	0	0	0	0		56	10	5	5	0	M
27	0	0	0	0		57	0	0	0	0	
28	5	5	5	10	M	58	0	0	0	0	
29	15	10	0	0	M	59	0	0	0	5	M

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/22/04
OBSERVER:	Ben Koege
START:	10:18 am pm
FINISH:	am 12:18 pm
Source:	BOF Roof Monitors
Observation Point:	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	N
wind speed	5-10
sky condition	clear
amb. temp. (F)	30-35
color of emissions	brown
unless stated otherwise	
other:	
	N - north monitor
	M - middle
	S - south
Remarks:	
Observer's Signature	

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	M	30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	20	25	M	39					
10	10	5	0	0	M	40					
11	15	10	15	10	M	41					
12	5	5	5	5	M	42					
13	15	15	10	0	N	43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	10	10	5	M	47					
18	-	-	-	-		48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

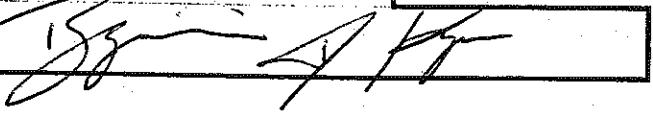
10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 3/19/04												
OBSERVER: Ben Krueger												
START: 9:19 am pm												
FINISH: 11:19 am pm												
Source: BOF Roof Monitors												
Observation Point gravel lot across canal												
distance from: 800'												
direction from: SE												
source height: 250'												
wind direction NW												
wind speed 10-15												
sky condition overcast												
amb. temp. (F) 40												
color of emissions brown unless otherwise stated												
other:												
N - north monitor												
M - middle												
S - south												
Remarks:												
Heat Nos.												
17791												
17792												
Observer's Signature												

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0						30	○	○	○	○	
1						31	5	5	5	10	N, M
2						32	5	10	5	5	N, M
3						33	○	○	○	○	
4						34	○	○	○	5	M
5						35	5	5	5	10	M
6						36	15	20	15	15	M
7						37	15	10	10	5	M
8						38	5	0	0	5	M
9						39	5	5	0	0	M
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	5	5	5	M
13						43	5	0	0	0	M
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18	-	-	-	-		48	5	5	0	0	M
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

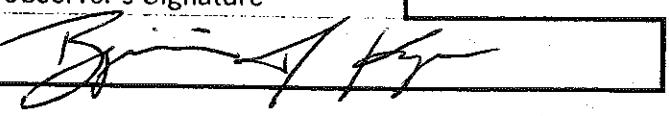
Observer's Signature



Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3/19/04
OBSERVER:	Ben Kroeber
START:	9:19 am pm
FINISH:	11:19 am pm
Source:	BOF Roof Monitors
Observation Point	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	10-15
sky condition	overcast
amb. temp. (F)	40
color of emissions	brown
unless otherwise stated	
other;	
	N - north monitor
	M - middle
	S - south
Remarks;	
Observer's Signature	

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	5	M	32	○	○	○	○	
3	5	10	5	10	M	33	○	○	○	○	
4	10	10	5	5	M	34	○	○	○	○	
5	5	5	5	0	N,M	35	○	○	○	○	
6	5	5	5	5	N,M	36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	10	10	5	M
15	○	○	○	○		45	5	5	5	0	M
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	10	15	M, red
18	○	○	○	○		48	20	15	10	5	M, red
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	5	25	5	0	M,N	51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	0	5	0	0	M
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	5	5	4	56	0	5	10	5	N, red
27	5	5	10	15	M	57	5	5	5	5	N, M, red
28	Z0	15	10	5	M	58	5	5	5	5	M, N
29	○	○	○	○		59	0	5	0	0	N

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 3/19/04

OBSERVER: Ben Kroeger

START: 9:19 am pm

FINISH: 11:19 am pm

Source: BOF Roof  
MonitorsObservation Point gravel  
lot across canal

distance from: 800'

direction from: SE

source height: 250'

wind direction NW

wind speed 10-15

sky condition partly cloudy

amb. temp. (F) 40

color of emissions brown

unless stated otherwise

other:

N - north monitor

M - middle

S - south

Remarks:

Observer's Signature

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0	0	0	10	5	N, red	30					
1	5	10	10	5	N, red	31					
2	5	5	10	5	N, red	32					
3	0	0	0	0		33					
4	5	5	5	5	N, red	34					
5	0	0	0	0		35					
6	5	5	0	0	N	36					
7	0	0	0	0		37					
8	0	5	5	10	M, yellow	38					
9	10	20	20	20	M, yellow	39					
10	15	10	10	5	M, red	40					
11	0	0	0	5	M	41					
12	5	0	0	0	M	42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	-	-	-	-		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 3/9/04
OBSERVER: Ben Kroeger
START: 9:00 am pm
FINISH: 11:00 am pm
Source: BOF Roof
Monitors
Observation Point gravel lot across canal
distance from: 500'
direction from: SE
source height: 250'
wind direction NE
wind speed 10-15
sky condition partly cloudy
amb. temp. (F) 35
color of emissions brown
unless stated otherwise
other:
N - north monitor
M - middle
S - south
Remarks:
Heat No.
17634
56610
17635

9:00

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	5	5	5	5	N red
2	0	0	0	0		32	5	5	5	5	N red
3	5	10	15	5	M	33	5	5	0	5	N red
4	5	5	0	0	M	34	5	5	0	0	N,red
5	0	0	0	0		35	0	0	0	0	
6	5	5	5	5	M	36	0	0	0	0	
7	5	5	5	5	N,M	37	0	0	0	0	
8	5	0	0	5	M, red	38	0	0	0	0	
9	5	5	0	0	M	39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	5	M
12	0	0	0	0		42	0	0	0	5	M
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	5	5	0	0	M, yellow	46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	5	5	5	M	48	0	0	0	0	
19	5	5	5	0	M	49	5	5	5	5	N, red, M
20	0	0	0	0		50	5	5	5	5	M,N,red
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	5	0	M
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	5	5	5	N	56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3/9/04
OBSERVER:	Ben Kroeger
START:	9:00 am pm
FINISH:	11:00 am pm
Source:	BOF Roof Monitors
Observation Point	gravel lot across canal
distance from:	800'
direction from:	S E
source height:	250'
wind direction	NE
wind speed	10-15
sky condition	partly cloudy
amb. temp. (F)	35
color of emissions	brown
unless stated otherwise	
other:	
N - north monitor	
M - middle	
S - south	
Remarks:	
Observer's Signature	

9:00

*Page #2*

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	5	5	N, red	38	○	○	○	○	
9	5	5	10	5	N, red	39	○	○	0	5	N
10	10	10	10	5	N, red	40	5	5	5	5	N
11	5	5	5	5	N, red	41	5	5	5	5	N, red
12	5	0	0	0	N, red	42	5	5	10	5	N
13	○	○	○	○		43	○	○	5	5	N
14	○	○	○	○		44	5	0	0	○	N
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	5	5	M
17	○	○	○	○		47	○	○	5	10	M
18	○	○	○	○		48	5	5	5	5	M
19	○	○	○	○		49	5	0	0	○	M
20	○	○	○	○		50	○	○	0	0	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/2/04
OBSERVER:	Ben Kroeger
START:	am 12:20 pm
FINISH:	am 14:20 pm
Source:	BOF Roof Monitors
Observation Point	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	10 - 15
sky condition	overcast, slightly cloudy
amb. temp. (F)	40 - 45
color of emissions	brown
unless stated otherwise	
other;	
N - north monitor	
M - middle	
S - south	
Remarks:	
Heat. MS.	
17530	
17531	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	10	5	5	5	red, M
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19	-	-	-	-		49	○	○	○	5	M
20	○	○	○	○		50	5	○	○	○	M
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	5	M
26	○	○	○	○		56	5	5	5	5	M
27	○	○	○	○		57	5	5	5	5	M, white
28	○	○	○	○		58	○	○	○	○	
29	○	5	5	5	9	59	○	○	○	○	

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/2/04
OBSERVER:	Ben Kroeger
START:	am 12:20pm
FINISH:	am 14:20 pm
Source:	BOF Roof Monitors
Observation Point	grave lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	15-20
sky condition	partly cloudy
mb. temp. (F)	50
color of emissions	brown
unless otherwise stated	
other:	N - north monitor M - middle S - south
Remarks:	

Observer's Signature



Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	5	5	5	5	M	33	0	0	0	0	
4	5	0	0	0	M	34	5	5	5	0	M
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	5	
12	0	0	5	5	N	42	5	0	0	0	M
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	5	M
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	5	5	5	0	M
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	5	0	M
29	0	0	0	0		59	0	0	5	5	M, grey

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	3/2/04
OBSERVER:	Ben Kroeger
START:	am 12:20 pm
FINISH:	am 14:20 pm
Source:	BOF Roof Monitor
Observation Point gravel lot across canal	
distance from:	800'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	15-20
sky condition	partly cloudy
amb. temp. (F)	50
color of emissions	brown
unless stated otherwise	
other:	N - north monitor M - middle S - south
Remarks:	
Observer's Signature	

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	0	0	M, grey	30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	5	5	M, grey	44					
15	5	10	5	5	M, grey	45					
16	5	5	5	5	M, grey	46					
17	5	5	5	5	M, grey	47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	-	-	-	-		51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

10/2/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 2/26/04
OBSERVER: Ben Krueger
START: 9:15 am pm
FINISH: 11:40 am pm
Source: BOF Roof Monitors
Observation Point gravel lot across canal
distance from: 800'
direction from: SE
source height: 250'
wind direction E
wind speed 5-10
sky condition partly cloudy
amb. temp. (F) 30
color of emissions brown
unless stated otherwise
other:
N - north monitor
M - middle
S - south
Remarks:
Heat Nos.
17453
17454
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	5	5	0	0	N
12						42	○	○	○	○	
13						43	○	5	0	0	N
14	-	-	-	-		44	○	○	○	○	
15	○	○	○	○		45	○	5	5	5	N
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	5	5	N
28	○	○	○	○		58	5	○	○	○	N
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/26/04
OBSERVER:	Ben Kroeger
START:	9:15 am pm
FINISH:	11:40 am pm
Source:	BOF Roof Monitors
Observation Point:	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	NE
wind speed	5-10
sky condition	partly cloudy
amb. temp. (F)	30
color of emissions	brown
Unless stated otherwise	
other:	N - north monitor M - middle S - south
Remarks:	Time 10:12:45 to 10:15:30 average was 30%

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	10	10	5	5	M, yellow
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	5	5	M
5	0	0	0	0		35	5	0	0	0	M
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	5	5	M
9	0	0	0	0		39	5	5	5	0	M
10	0	0	0	0		40	0	0	0	0	
11	0	0	5	5	M, red	41	0	0	0	0	
12	0	0	0	100	M, red	42	0	0	0	0	
13	50	30	20	20	M, red	43	0	0	0	0	
14	20	25	20	10	M, red	44	0	0	0	0	
15	5	0	0	0	M	45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	5	0	0	5	M	48	0	0	0	0	
19	5	5	0	0	M, yellow	49	0	0	0	0	
20	5	5	0	0	M	50	0	0	0	0	
21	10	10	15	20	M	51	0	0	0	0	
22	30	20	10	10	M	52	0	0	0	0	
23	5	5	5	5	M, red	53	0	0	0	0	
24	10	15	10	10	M, red	54	0	0	0	0	
25	10	5	5	5	M	55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	5	5	5	M, <del>red</del>	58	0	0	0	0	
29	10	15	15	15	M, yellow	59	0	0	0	0	

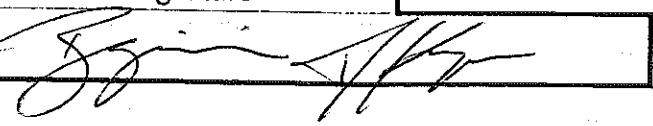
Page #2

Observer's Signature

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	2/26/04
OBSERVER:	Ben Croeyer
START:	9:15 am pm
FINISH:	11:40 am pm
Source:	BOF Roof Monitors
Observation Point	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	NE
wind speed	5-10
sky condition	partly cloudy
amb. temp. (F)	30
color of emissions	brown
unless stated otherwise	
other:	N - north monitor, far M - middle S - south
Remarks:	
Observer's Signature	

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	5	M	32	○	○	○	○	
3	5	5	5	5	M	33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	5	○	M	37	○	○	○	○	
8	15	20	10	5	M, yellow	38	○	○	○	○	
9	5	5	5	5	M	39	○	○	○	○	
10	10	10	10	5	M, yellow	40	○	○	○	○	
11	5	5	5	5	M, yellow	41					
12	5	5	10	10	M, red	42					
13	5	5	10	10	M, red	43					
14	10	10	10	10	M, red-brown	44					
15	10	10	10	5	M, red	45					
16	5	5	5	5	M, red	46					
17	10	5	5	5	M, red	47					
18	5	5	5	5	M, red	48					
19	5	○	○	○	M, red	49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	5	5	○	M	57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/17/04
OBSERVER:	Ben Croeger
START:	am 12:27 pm
FINISH:	am 14:27 pm
Source:	BOF Roof Monitors
Observation Point:	grave lot across canal
distance from:	800'
direction from:	SW
source height:	250'
wind direction	W
wind speed	5-10
sky condition	clear
amb. temp. (F)	20-25
color of emissions	brown
unless stated otherwise	
other:	
N - north monitor	
M - middle	
S - south	
Remarks:	Heat Mar.
	17308
	17309
Observer's Signature	

12:27

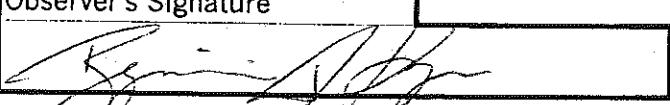
Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	5	M
2						32	5	0	0	0	M
3						33	5	5	5	0	M
4						34	0	5	0	0	M
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	5	5	5	M
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	5	M
19						49	5	5	5	0	M
20						50	0	0	0	0	
21						51	5	5	0	0	M
22						52	0	5	5	0	M
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	5	0	10	5	M
26	-	-	-	-		56	5	5	5	5	M
27	0	0	0	0		57	5	5	5	5	M green
28	0	0	0	0		58	5	5	5	10	M green
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	2/17/04
OBSERVER:	Ben Krueger
START:	12:27 pm
FINISH:	am 14:27 pm
Source:	BOF Roof Monitors
Observation Point	Gravel lot across canal
distance from:	800'
direction from:	SW
source height:	250'
wind direction	W
wind speed	5-10
sky condition	clear
amb. temp. (F)	20-25
color of emissions	brown
less stated otherwise	
other:	N - north monitor M - middle S - south
Remarks:	
Observer's Signature	

12:27

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	10	5	0	M	32	0	0	0	0	
3	0	5	10	10	M	33	0	5	5	5	M
4	5	5	5	5	M	34	5	5	0	0	M
5	10	10	5	5	M	35	0	0	0	0	
6	5	5	5	0	M	36	5	5	0	0	M
7	0	5	5	5	M	37	0	0	5	5	M
8	0	0	0	0		38	5	5	5	5	M
9	0	0	0	0		39	5	5	0	0	M
10	0	0	0	0		40	5	5	5	5	M
11	0	0	0	0		41	5	5	10	10	M
12	0	0	0	0		42	5	5	5	5	M, orange
13	0	0	0	5	M	43	5	5	5	5	M
14	5	0	5	5	M	44	5	5	5	5	M
15	0	0	5	5	M	45	5	5	5	5	M
16	5	5	5	5	M	46	5	10	5	5	M
17	5	0	0	0	M	47	5	5	5	5	M
18	0	0	0	0		48	5	5	5	5	M
19	0	0	0	0		49	5	5	5	5	M
20	0	0	0	0		50	5	10	5	10	N, M
21	0	0	0	0		51	5	5	5	5	N, M
22	0	0	0	0		52	5	5	5	5	N
23	0	0	0	0		53	5	5	0	0	N
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	5	5	M
29	0	0	0	0		59	0	0	5	5	M

Last Certification Date

10/8/03

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	2/17/04
OBSERVER:	Ben Kroeger
START:	am 12:27pm
FINISH:	am 14:27pm
Source:	BOF Roof Monitors
Observation Point:	gravel lot across canal
distance from:	800'
direction from:	SW
source height:	250'
wind direction	W
wind speed	5-10
sky condition	partly cloudy
amb. temp. (F)	20-25
color of emissions	brown
unless stated otherwise	
other:	N - nor pt monitor M - middle S - south
Remarks:	

12:27

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	M	30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	5	10	S	50					
21	15	15	15	20	S	51					
22	15	10	10	5	S	52					
23	5	5	5	0	S	53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	-	-	-	-		58					
29						59					

Observer's Signature



Last Certification Date

10/8/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	2-13-04
OBSERVER:	Bob Shriener
START:	1 am / 2:00 pm
FINISH:	am 2:30 pm
Source:	ISOF Monitors
Observation Point	
at 45' (anod)	
distance from:	800'
direction from:	E
source height:	250'
wind direction	E
wind speed	3-5
sky condition	clear
amb. temp. (F)	78
color of emissions	brown
other:	
N - North monitor	
M - middle	
S - South	
Remarks:	
Heat Nos.	
17249	
17250	
17251	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	5	m
6	0	0	0	0		36	5	10	5	5	
7	0	0	0	0		37	5	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	5	5	m
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date

10-8-04

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	2-13-04
OBSERVER:	Rab Shrier
START:	am 12:03 pm
FINISH:	am 2:30 pm
Source:	BOF Monitors
Observation Point	
... across canal	
distance from:	800'
direction from:	E
source height:	250'
wind direction	E
wind speed	3-5
sky condition	clear
amb. temp. (F)	24
color of emissions	brown
other:	
N - North monitor	
M - middle	
S - South	
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	5	10	m
3	0	0	0	0		33	10	10	5	5	
4	0	0	0	0		34	5	5	0	0	
5	5	5	0	0	M	35	0	0	0	5	S
6	0	0	0	0		36	10	10	5	10	
7	0	0	0	0		37	5	10	5	5	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	5	5	0	m	41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	2	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	5	5	5	
20	0	0	0	0		50	5	5	5	0	
21	0	0	0	0		51	0	8	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	4	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Pg 2 of 3

Observer's Signature



Last Certification Date

10-8-04

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	2-14-04
OBSERVER:	Bob Shrier
START:	am 12:03 PM
FINISH:	am 2:30 pm
Source:	BOF Monitor
Observation Point	
across canal	
distance from:	800'
direction from:	E
source height:	250'
wind direction	E
wind speed	3-5
sky condition	clear
amb. temp. (F)	28
color of emissions	brown
other:	N - North Monitor M - middle S - South
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	5		44					
15	5	5	5	0	M	45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	5	5	5	0	M	49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

10-8-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/2/04
OBSERVER:	Bry Krocger
START:	am 13:10 pm
FINISH:	am pm
Source:	BOF Roof Monitors
Observation Point:	gravel lot across canal
distance from:	800'
direction from:	E
source height:	250'
wind direction	SE
wind speed	5-10
sky condition	Cloudy
amb. temp. (F)	25
color of emissions	brown
unless stated otherwise	
other:	N - north monitor M - middle monitor S - south
Remarks:	Heat Nos. 56351 17165
Observer's Signature	

#1

13:10

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9	-	-	-	-		39	0	0	0	0	
10	0	0	0	0		40	5	5	0	5	M
11	0	0	5	5	M	41	5	5	5	0	M
12	0	0	0	0		42	0	0	0	0	
13	5	5	0	0	N	43	0	0	0	0	
14	0	5	5	0	M	44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	5	N
17	0	5	5	5	M	47	5	5	5	5	N
18	0	0	0	0		48	0	0	0	5	N
19	0	0	0	0		49	5	5	5	5	N
20	0	0	0	0		50	5	5	5	5	N
21	0	0	0	0		51	5	10	5	5	N
22	0	0	0	0		52	5	5	5	5	N
23	0	0	0	0		53	5	0	0	0	N
24	0	0	0	5		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/8/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/2/04
OBSERVER:	Ben Kroeger
START:	am 13:10 pm
FINISH:	am pm
Source:	BOF Roof Monitors
Observation Point:	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
---	
wind direction	E
wind speed	5-10
sky condition	cloudy
amb. temp. (F)	26
color of emissions	brown unless stated otherwise
other:	N - north monitor M - middle S - south
Remarks:	
Observer's Signature	

13:10

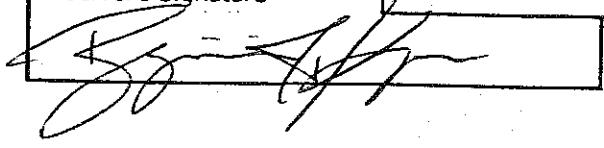
#2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	0	5	0	N
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	5	5	0	0	N
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	5	0	0	0	M
5	0	0	0	0		35	0	0	5	5	M
6	0	0	0	0		36	5	5	5	0	M
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	5	0	5	5	N
12	0	0	0	0		42	0	5	0	5	N
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	5	M
17	0	0	0	0		47	5	5	0	0	M
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	5	M black	50	0	0	0	0	
21	10	5	5	5	M black	51	0	0	0	0	
22	5	5	5	5	M black	52	0	0	0	0	
23	5	5	5	0	M	53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	2/2/04
OBSERVER:	Ben Kroeyer
START:	am 13:10 pm
FINISH:	am 15:10 pm
Source:	BOF Roof Monitors
Observation Point	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
---	
wind direction	E
wind speed	5-10
sky condition	overcast
amb. temp. (F)	26
color of emissions	brown
unless stated otherwise	
other:	N - north monitor M - middle S - south
Remarks:	
Observer's Signature	

13:10

#3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 10/8/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	January 29, 2004
OBSERVER:	Rosana Mazzetti
START:	10:20 am pm
FINISH:	am 12:40 pm
Source:	BoF Roof Monitors
Observation Point	East side of BoF slid south of Levy
distance from:	200'
direction from:	S E
source height:	250'
wind direction	N W
wind speed	10-15
sky condition	Cloudy
amb. temp. (F)	0
color of emissions	White
unless stated otherwise	
other:	N - North Monitor S - South Monitor C - Center Monitor
Remarks:	Heat Nos. 17122 17123

10:00AM						PAGE #1					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	15	15	15	15	Brown, C.
1						31	15	10	15	15	"
2						32	20	20	15	15	"
3						33	20	20	20	20	C
4						34	10	10	10	10	"
5						35	10	10	10	10	"
6						36	5	5	5	5	"
7						37	5	5	5	5	"
8						38	5	5	5	5	"
9						39	5	5	5	5	"
10						40	5	5	5	5	"
11						41	5	5	5	5	"
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18						48	5	5	0	0	
19						49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	15	15	Brown, C.	59	0	0	0	0	

Observer's Signature

Rosana Mazzetti

Last Certification Date

10/07/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	January 29 2004
OBSERVER:	Rosana Moraes
START:	10:30 am pm
FINISH:	am 12:45 pm
Source:	BOF Loop Monitors
Observation Point	South of Hwy
distance from:	1000'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	10-15
sky condition	cloudy
amb. temp. (F)	15°
color of emissions	White
unless stated otherwise	
other:	C - Center Monitor S - South Monitor N - North Monitor
Remarks:	
Observer's Signature	

PAGE # 32

12:00 PM					REMARKS	12:00 PM					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0	0	0	15	5	Rid,C	30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	5	5	5	5	C	52	0	0	0	0	
23	5	5	5	5	"	53	0	0	0	0	
24	5	5	5	5	"	54	0	0	0	0	
25	5	0	0	0	,	55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Reason of offset

Last Certification Date

10/03/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	January 29, 2004
OBSERVER:	Rosana Moffat
START:	10:20 am
FINISH:	am 12:40 pm
Source:	BOF Roof Monitors
Observation Point	South of Henry
distance from:	NW (600)
direction from:	10-15° SE
source height:	250'
wind direction	NW
wind speed	10-15
sky condition	Cloudy
amb. temp. (F)	7
color of emissions	White
unless stated otherwise	
other:	N - North Monitor S - South Monitor C - Center Monitor
Remarks:	

12:00 PM

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40					
11	5	5	0	0	C, Brown	41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	5	10	10	10	c, Red	50					
21	5	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Rosana Moffat

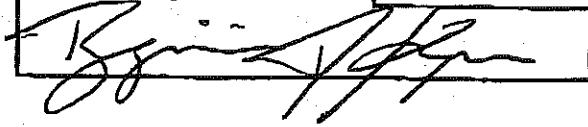
Last Certification Date

10/10/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/22/04
OBSERVER:	Ben Kraeyer
START:	am 12:31 pm
FINISH:	am 14:52 pm
Source:	BOPF Roof
	Monitors
Observation Point:	gravel
1st gear	next to Hot Strip
distance from:	1000'
direction from:	SE W
source height:	250'
---	
wind direction	NW
wind speed	15-25'
sky condition	clear
amb. temp. (F)	10
color of emissions	brown
unless stated	
other:	otherwise
Remarks:	
N - north monitor	
M - middle	
S - south	
Hat No.	
	56218

Observer's Signature



12:31 ~~1002~~ #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
0						30	—	—	—	—	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date

10/8/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/22/04
OBSERVER:	Ben Koeper
START:	am 12:30 pm
FINISH:	am 14:52 pm
Source:	BOF Roof
Monitors	
Observation Point	gravel lot next to Hot Strip Mill
distance from:	1000'
direction from:	W
source height:	250'
--	
wind direction	NW
wind speed	15 - 25
sky condition	clear
amb. temp. (F)	10
color of emissions	brown
unless stated	
other;	otherwise
Remarks:	
N - north monitor	
M - middle	
S - south	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	5	5	0	M
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	5	5	5	M
22	○	○	○	○		52	5	5	0	0	M
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	5	0	0	M
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

10/8/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/26/04
OBSERVER:	Ben Krueger
START:	am 12:31 pm
FINISH:	am 14:52 pm
Source:	BOF Roof Monitors
Observation Point	gravel lot next to Hot strip mill
distance from:	1000'
direction from:	W
source height:	250'
wind direction	NW
wind speed	15-25
sky condition	partly cloudy
amb. temp. (F)	10
color of emissions	brown
unless stated	
other:	otherwise
Remarks:	
N - north monitor	
M - middle	
S - south	
Observer's Signature	

#3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	5	M
5	0	0	0	0		35	5	5	5	0	M
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	5	10	5	M,N
21	0	0	0	0		51	5	5	0	0	M,N
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	5	5	5	M	56					
27	5	0	0	0	M	57					
28	0	0	0	0		58					
29	0	0	0	0		59					

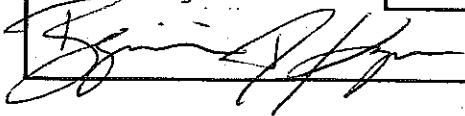
Last Certification Date

10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 1/20/04
OBSERVER: Ben Krueger
START: 9:20 am pm
FINISH: am pm
Source: BOF Roof Monitors
Observation Point gravel lot across canal
distance from: 800'
direction from: SE
source height: 250'
wind direction NW
wind speed 5-10
sky condition Clear
amb. temp. (F) 7
color of emissions brown unless stated
other; otherwise
Remarks:
N - north monitor
M - middle
S - south
Heat No.:
<del>1061</del>

Observer's Signature



MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19	-	-	-	-		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	5	5	5	5	S	59	0	0	0	0	

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/20/04
OBSERVER:	Bry Kraeger
START:	9:20 am pm
FINISH:	am pm
Source:	BOF Roof
	Monitors
Observation Point:	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	N
wind speed	5-10
sky condition	clear
amb. temp. (F)	7
color of emissions	brown
	unless stated
other:	otherwise
Remarks:	
N - north monitor	
M - middle	
S - south	

Observer's Signature

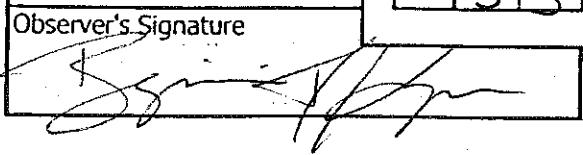
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
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1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/20/04
OBSERVER:	Ben Kroeger
START:	9:20 am pm
FINISH:	11:31 am pm
Source:	BOF Roof Monitor
Observation Point:	gravel lot across canal
distance from:	800'
direction from:	SE
source height:	250'
wind direction	N
wind speed	5-10
sky condition	clear
amb. temp. (F)	10
color of emissions	brown
unless stated	
other:	otherwise
Remarks:	

Observer's Signature



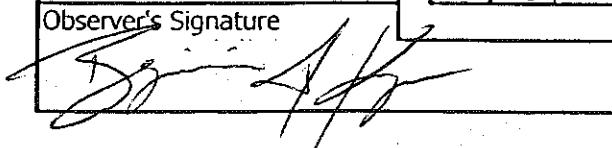
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARK
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1	0	0	0	0		31	0				
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	10	10	5	M	35					
6	5	5	5	5	M, N	36					
7	5	5	0	0	N	37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
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19	0	0	0	0		49					
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22	0	5	5	5	N	52					
23	5	5	5	0	N	53					
24	0	5	5	5	N	54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	5	5	M	58					
29	5	5	5	0	M	59					

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/15/04
OBSERVER:	Ben Kueyger
START:	11:27 am pm
FINISH:	am 13:27 pm
Source:	BOF Roof Monitors
Observation Point	gravel lot across canal
distance from:	900'
direction from:	SE
source height:	250'
---	
wind direction	N
wind speed	10-15
sky condition	Overcast
amb. temp. (F)	10
color of emissions	brown
unless stated otherwise	
other;	N - north monitor M - middle monitor S - south monitor
Remarks;	  <i>Heat NOS.</i> 16999 17000

Observer's Signature



11:27

#1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	5	5	0	0	M
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	5	M
24						54	○	○	○	○	
25						55	○	○	○	○	
26	-	-	-	-		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	5	5	M
29	○	○	○	○		59	5	0	○	○	M

Last Certification Date

10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/15/04
OBSERVER:	Ben Kroeger
START:	11:27 am pm
FINISH:	am 13:27pm
Source:	BOF Roof Monitors
Observation Point	gravel lot across canal
distance from:	900'
direction from:	SE
source height:	250'
wind direction	N
wind speed	10-15
sky condition	Overcast
amb. temp. (F)	10
color of emissions	brown
Unless otherwise stated	
other:	M - middle S - south N - north
Remarks:	
Observer's Signature	

#2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	5	0	0	M	33	0	0	0	0	
4	5	5	0	0	M	34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	5	5	5	N	36	0	0	0	0	
7	5	5	5	5	N	37	0	0	0	0	
8	5	5	5	5	N	38	0	0	0	0	
9	5	5	0	0	N	39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	5	5	0	0	N	41	0	0	5	10	M, red
12	0	0	0	0		42	5	5	5	5	M, red
13	0	0	0	0		43	5	0	0	0	M, green
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	5	M
29	0	0	0	0		59	0	0	0	5	M

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/15/04
OBSERVER:	Ben Kroeger
START:	11:27 am pm
FINISH:	am 13:27 pm
Source:	BGF Roof Monitors
Observation Point	
gravel lot across canal	
distance from:	900'
direction from:	SE
source height:	250'
---	
wind direction	N
wind speed	10-15
sky condition	Overcast
amb. temp. (F)	10
color of emissions	brown
unless otherwise stated	
other:	
N - north	
M - middle	
S - south	
Remarks:	
Observer's Signature	

#3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	5	5	M	35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	5	M	54					
25	5	0	0	0	M	55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28						58					
29						59					

Last Certification Date 10/8/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 1/4/04
OBSERVER: Bk
START: 9:00 am pm
FINISH: 11:00 am pm
Source: Roof Monitor BOF
Observation Point Gravel Road
<i>Roof Monitor</i>
distance from: 800'
direction from: SE
source height:
-- 250'
wind direction NE
wind speed 10-15
sky condition clear
amb. temp. (F) 15
color of emissions
Brown unless otherwise
other: stated
Remarks:
M- Middle
N- North
S- South
Heat Nos.
169 36
169 37

Observer's Signature

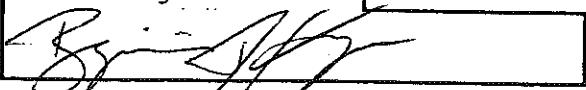
9:00					#1						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	5	5	5	M	44	0	0	0	0	
15	5	5	0	0	M	45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	5	5	5	5	M	49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/8/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	1/9/04
OBSERVER:	
START:	10:00 am pm
FINISH:	11:00 am pm
Source:	BOF
Observation Point	Gazel Road
Roof Monitors	
distance from:	800'
direction from:	SE
source height:	250'
wind direction	NE
wind speed	10-15
sky condition	Clear
amb. temp. (F)	15
color of emissions	Brown unless otherwise
other:	stated
Remarks:	
M - Middle	
N - North	
S - South	

Observer's Signature



MIN	10:00				REMARKS	MIN	# 2				REMARKS
	0	15	30	45			0	15	30	45	
0	5	5	5	5	M	30	0	0	0	0	
1	5	5	0	0	M	31	0	0	0	0	
2	0	5	5	5	M	32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	5	5	5	5	M	38	0	0	0	0	
9	0	0	5	5	M	39	0	0	0	0	
10	5	5	5	5	M	40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	5	10 M	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	5	5	5	0	M	53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/8/03